

IN THE CLAIMS:

23. (Currently Amended) An interior panel of an aircraft passenger cabin, with which an outer skin of an aircraft is filled; which arrangement will provide protection against fire, the interior panelling comprising:

honeycomb panelling ~~made of~~ comprising at least one layer of a honeycomb body formation of several honeycombs arranged side by side, the honeycomb body having an end of a cross section of the honeycomb body supported by and adhered to a cover layer such that honeycomb ~~panelling~~ panelling is formed of the honeycomb body sandwiched between a top-supported cover layer facing the passenger cabin, and a bottom-supported cover layer facing a space, and the honeycomb ~~panelling~~ panelling extends with the outer skin of the aircraft to follow the curvature of the outer skin, and the honeycomb body is made of a paper or an aramide or a combination thereof and at least one carbon fiber reinforced plastics layers or at least one glass fiber reinforced plastics layer or both ~~of a CFK or GFK layer~~ is positioned on each face of the honeycomb body; ~~wherein the honeycomb panelling is enlosed by a burn-through-proof foil arranged such that the burn-through-proof foil conforms to an outer surface of the carbon fiber reinforced plastics layer or the glass fiber reinforced plastics layer.~~

24. (Previously presented) The interior panel of claim 23, wherein at least one burn-through-proof barrier layer is adhesively sandwiched between a pair of honeycomb bodies and at least one of the honeycomb bodies is made of paper.

25. (Currently amended) The interior panel of claim 23, wherein the at least one honeycomb body is at least two honeycomb bodies, and each honeycomb body has at least one cover layer made of CFK carbon fiber reinforced plastics such that the at least two honeycomb bodies adhesively sandwich the at least two cover layers between the at least two honeycomb bodies.

26. (Currently amended) The interior panel of claim 25, wherein the honeycomb panelling includes additional layers of honeycomb bodies adhesively sandwiching cover layers made of carbon fiber reinforced plastics ~~CFK in a laminar way~~ and adjacent to each other in series, wherein the cover layers which are adjacent to each other and lying one on top of the other are glued.

27. (Currently amended) The interior panel of claim 23, further comprising wherein in addition a first burn-through-proof ~~CFK~~ carbon fiber reinforced plastics insulation layer is glued onto the outer surface of the top-supported cover layer or the bottom-supported cover layer or both which comprises a plurality of burn-through-proof ~~CFK~~ carbon fiber reinforced plastics insulation layers which ends the layer design of the honeycomb panelling ~~which is glued onto the adjacent support areas of the cover layers.~~

28. (Currently amended) The interior panel of claim 24, wherein the at least one burn-through-proof barrier layer comprises a plurality of ~~CFK~~ carbon fiber reinforced plastics barrier layers.

29. (Previously presented) The interior panel of claim 23, wherein the honeycomb body is made of an aramide.

30. (Currently amended) The interior panel of claim 26, wherein the cover layer is a thick ~~CFK~~ carbon fiber reinforced plastics insulation layer.

31. (Cancelled)

32. (Cancelled)

33. (Currently amended) The interior panel of claim 2834, wherein the plurality of carbon fiber reinforced plastics CFK barrier layers are of a burn-through-proof plastic foil.

34. (Currently amended) The interior panel of claim 23, wherein an further comprising a point of adhesive bond between of the glued honeycomb panelling elements the honeycomb body and the cover layer is implemented using a burn-through-proof adhesive.

35. (Currently amended) The interior panel of claim 34, wherein the point of adhesive bond is non-detachable and burn-through proof meeting the requirements for implementing effective fire protection in aircraft construction when influenced by flames of a locally acting fire.

36. (Currently Amended) The interior panel of claim 23, further comprising wherein an insulation package is arranged on the glass fiber reinforced plastics ~~GFK~~ cover layer supported below the honeycomb formation or the burn-through-proof CFK carbon fiber reinforced plastics insulation layer whose outer surface faces the outer skin, wherein the insulation package comprises burn-through-proof insulation, and the burn-through-proof insulation which is enclosed by a burn-through-proof foil, or the insulation package comprises the a burn-through-proof insulation or the insulation package comprises a carbon fiber reinforced plastics insulation layered with a ~~the latter and non~~ burn-through-proof insulation, which are arranged side by side, or the insulation package comprises the non burn-through-proof a carbon fiber reinforced plastics insulation into which a burn-through-proof barrier layer is integrated, ~~wherein the barrier layer and~~ extends, without interruption, through the carbon fiber reinforced plastics non burn-through-proof insulation right to the circumference of the insulation.

37. (Currently amended) The interior panel of claim 36, wherein the bottom-supported ~~GFK~~ glass fiber reinforced plastics cover layer and the burn-through-proof CFK carbon fiber reinforced plastics insulation layer comprise a threaded drill hole which extends substantially perpendicularly to the surface of this ~~GFK~~ glass fiber reinforced plastics cover layer.

38. (Currently amended) The interior panel of claim 36, wherein the insulation package comprises a hole-like leadthrough which is substantially congruently with a threaded drill hole, provided the insulation package is aligned to the outer surface of the bottom-supported GFK glass fiber reinforced plastics cover layer or of the burn-through-proof GFK carbon fiber reinforced plastics insulation layer.

39. (Currently amended) The interior panel of claim 36, wherein the insulation package is attached to the bottom-supported GFK glass fiber reinforced plastics cover layer by means of a burn-through-proof connection element which is fed through the hole-like leadthrough and which can be screwed into the threaded drill hole.

40. (Currently amended) Insulation system for an outer skin of a vehicle, comprising:
a plurality of honeycombs arranged side by side[:;],
~~wherein each of the plurality of honeycombs has~~ having a honeycomb
body having a top face and a bottom face, each having both ends;
~~and at least two cover layers including~~ a top-supported cover layer glued
on the top face for facing an interior of the vehicle and a bottom-supported cover layer glued
on the bottom face[:;]
~~wherein the honeycomb bodies are supported by and glued to the at least~~
~~two cover layers such that the top-supported cover layer is arranged for facing an interior of the~~
~~vehicle, and the bottom-supported cover layer is arranged for facing the outer skin;~~
~~wherein the honeycomb bodies are sandwiched between the at least two~~
~~cover layers;~~
wherein the honeycomb[[:s]] body of each of the plurality of honeycombs
is a paper honeycomb or an aramide honeycomb; and are paper- or aramide honeycombs;
at least two a-GFK carbon fiber reinforced plastics layers;
wherein the at least two GFK carbon fiber reinforced plastics layers are
is respectively arranged on opposite sides of the plurality of honeycombs, such that at least one

of the at least two carbon fiber reinforced plastics layers is disposed on the outermost top face of at least one of the honeycomb bodies and at least one of the at least two carbon fiber reinforced plastics layers is disposed on the outermost bottom face of at least one of the honeycomb bodies, without any metal layers both ends of the honeycomb bodies.

41. (Currently amended) The insulation system of claim 40, wherein the at least two
~~further comprising:~~

further CFK carbon fiber reinforced plastics insulation layers includes at least one carbon fiber reinforced plastics layer which are glued to the top face of each of the honeycomb bodies and at least one carbon fiber reinforced plastics layer glued to the bottom face of each of the honeycomb bodies. ~~outer surfaces of the at least two cover layers.~~

42. (Currently amended) The insulation system of claim 40, wherein the top-supported cover layer or the bottom-supported cover layer ~~at least two cover layers~~ further comprise:

at least one of a further CFK carbon fiber reinforced plastics layer, a GFK glass fiber reinforced plastics layer, and a further honeycomb formations body additionally stacked on and glued to the plurality of honeycombs or a combination thereof.